

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040902.D
 Acq On : 05 Apr 2024 14:39
 Operator : JC/MD
 Sample : P2002-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-06B-44-040424

Quant Time: Apr 05 23:21:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

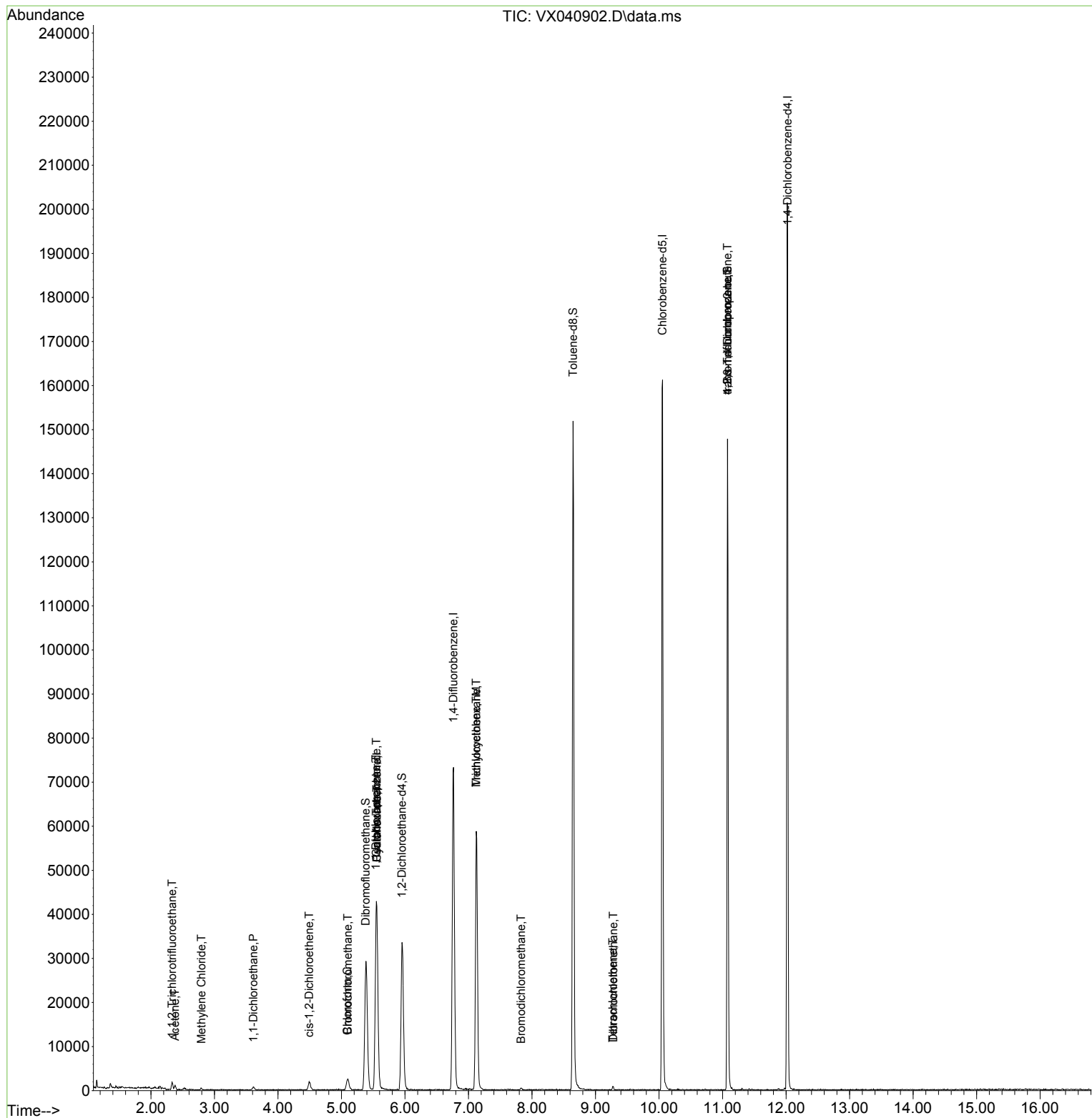
Internal Standards						
1) Pentafluorobenzene	5.556	168	38635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	70090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	71000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	34972	50.449	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.900%
35) Dibromofluoromethane	5.379	113	24511	49.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	8.647	98	89030	49.629	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.260%
62) 4-Bromofluorobenzene	11.079	95	37731	52.669	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.340%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	739	1.604	ug/l	94
16) Acetone	2.380	43	995	3.697	ug/l #	77
20) Methylene Chloride	2.794	84	190	0.381	ug/l #	70
24) 1,1-Dichloroethane	3.611	63	980	1.138	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	1183	2.244	ug/l	83
28) Bromochloromethane	5.099	49	105	0.271	ug/l #	16
30) Chloroform	5.093	83	3104	3.313	ug/l	91
31) Cyclohexane	5.556	56	1140	1.550	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	3669	5.201	ug/l #	49
38) Carbon Tetrachloride	5.550	117	4348	5.568	ug/l #	14
39) Methylcyclohexane	7.123	83	306	0.363	ug/l #	1
44) Trichloroethene	7.123	130	20786	42.509	ug/l	94
47) Bromodichloromethane	7.830	83	323	0.405	ug/l #	92
60) Dibromochloromethane	9.281	129	185	0.321	ug/l #	11
64) Tetrachloroethene	9.275	164	122	0.260	ug/l #	71
76) 1,2,3-Trichloropropane	11.079	75	22372	27.584	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	22372	74.423	ug/l #	5

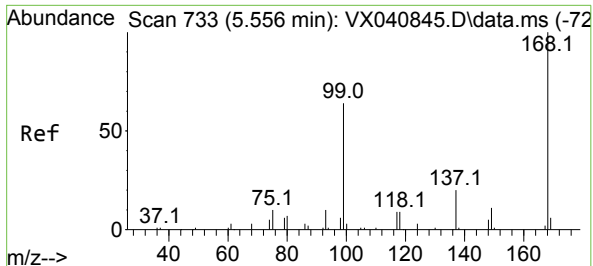
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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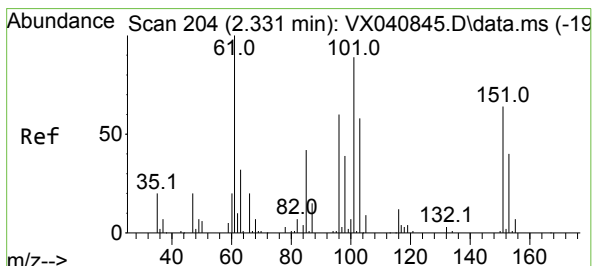
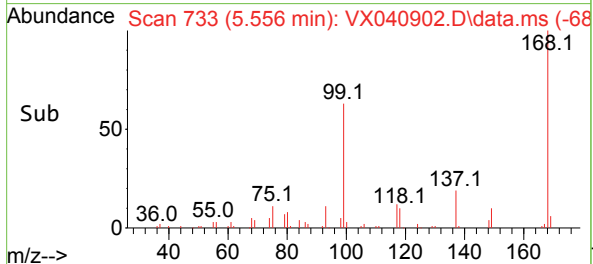
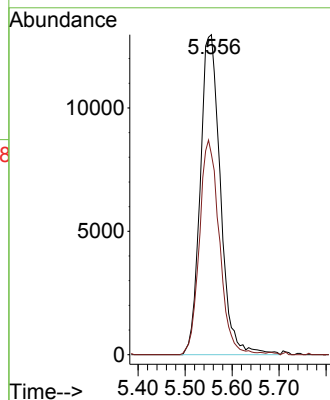
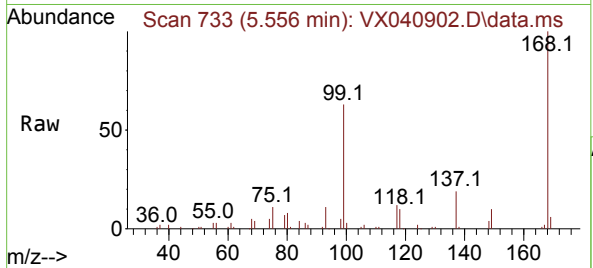




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

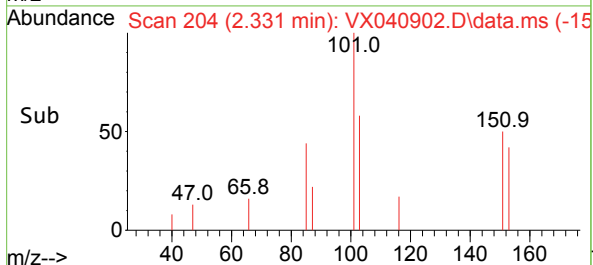
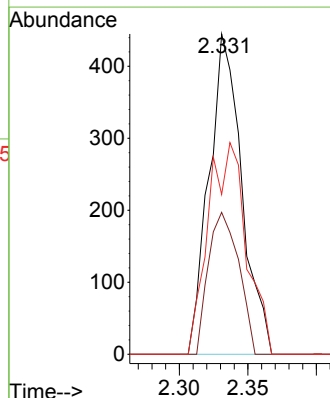
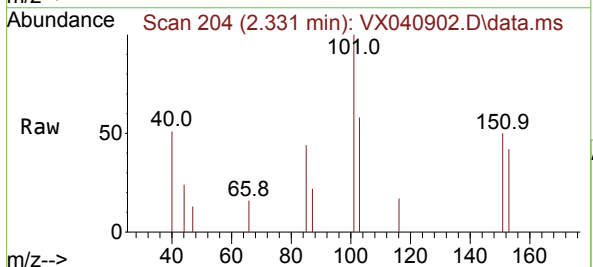
Instrument :
MSVOA_X
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RMW-06B-44-040424

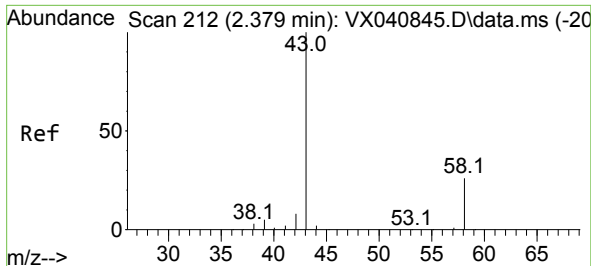
Tgt Ion:168 Resp: 38635
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.604 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

Tgt Ion:101 Resp: 739
Ion Ratio Lower Upper
101 100
85 41.1 37.0 55.6
151 76.9 58.6 87.8

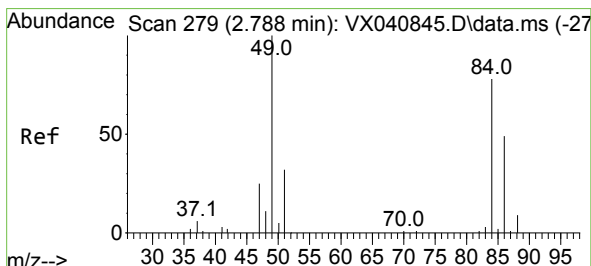
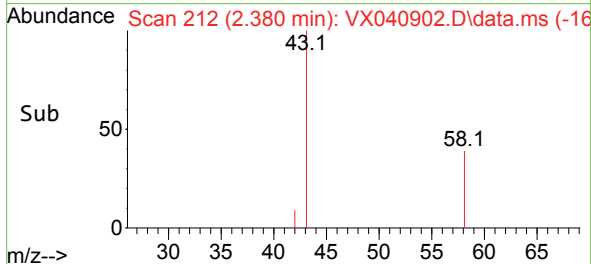
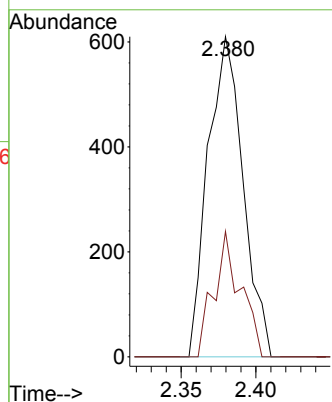
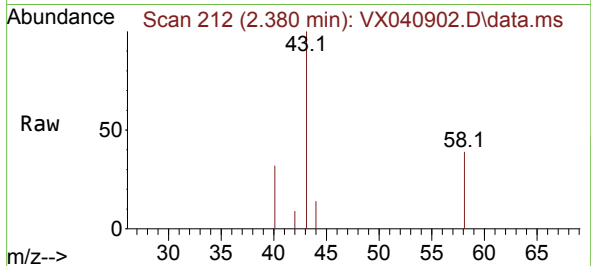




#16
Acetone
Concen: 3.697 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

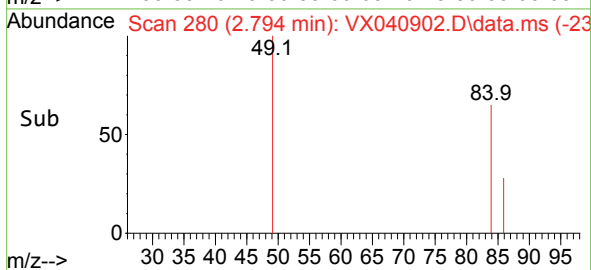
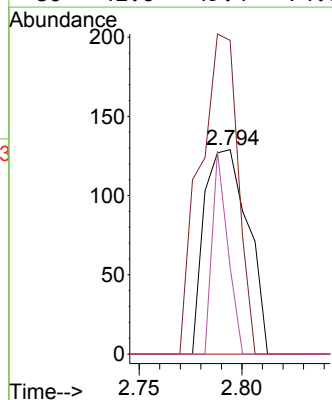
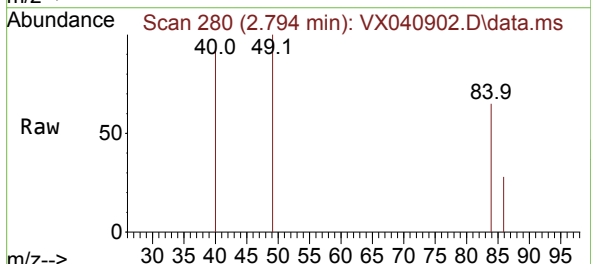
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-44-040424

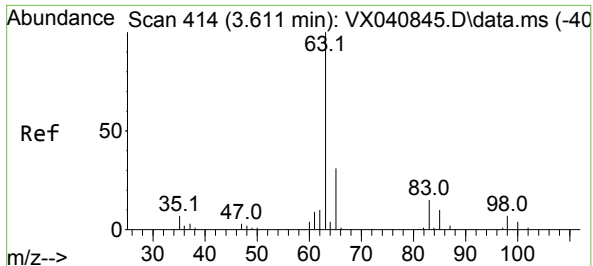
Tgt Ion: 43 Resp: 995
Ion Ratio Lower Upper
43 100
58 39.2 21.9 32.9#



#20
Methylene Chloride
Concen: 0.381 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

Tgt Ion: 84 Resp: 190
Ion Ratio Lower Upper
84 100
49 153.5 103.6 155.4
51 0.0 33.8 50.6#
86 42.6 49.4 74.0#

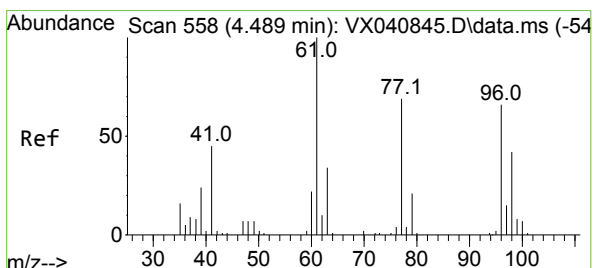
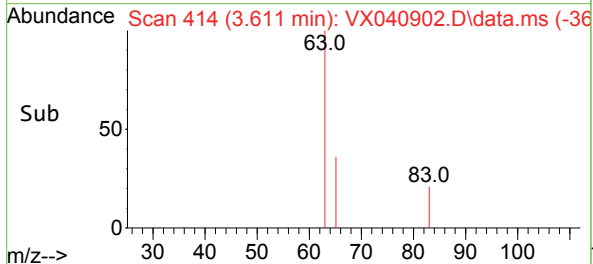
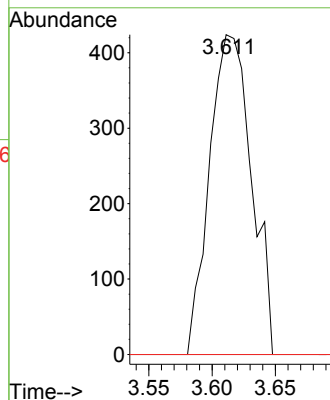
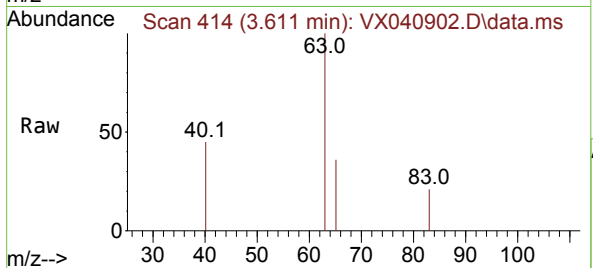




#24
1,1-Dichloroethane
Concen: 1.138 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

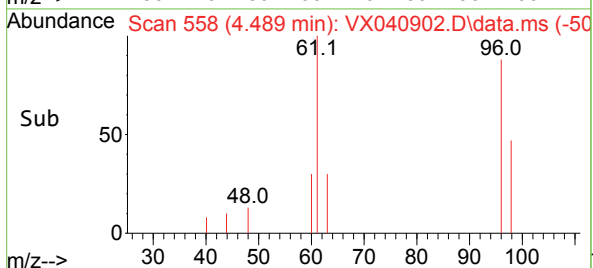
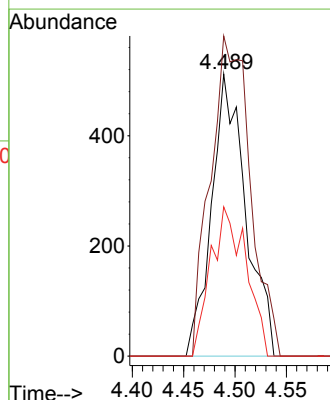
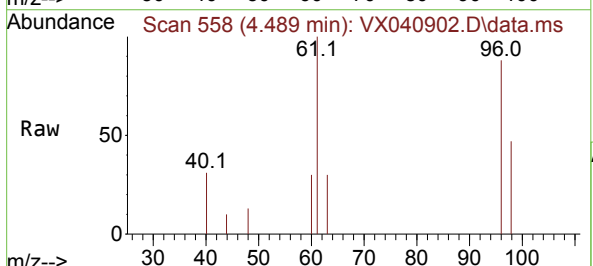
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-44-040424

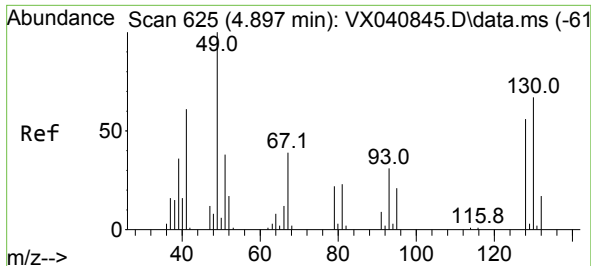
Tgt Ion: 63 Resp: 980
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 2.244 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

Tgt Ion: 96 Resp: 1183
Ion Ratio Lower Upper
96 100
61 132.3 0.0 312.2
98 54.9 0.0 129.0





#28

Bromochloromethane

Concen: 0.271 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.201 min

Lab File: VX040902.D

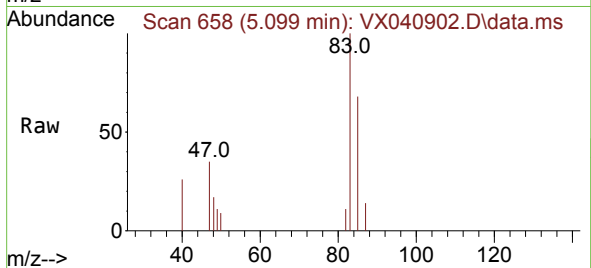
Acq: 05 Apr 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

RMW-06B-44-040424



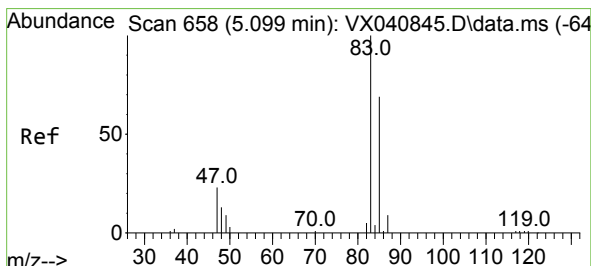
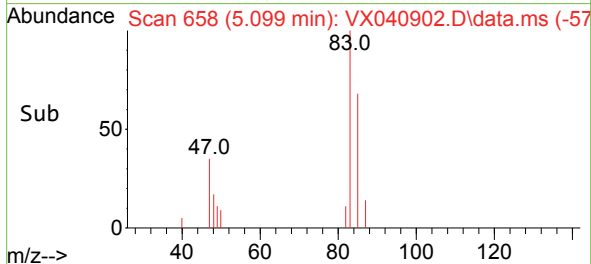
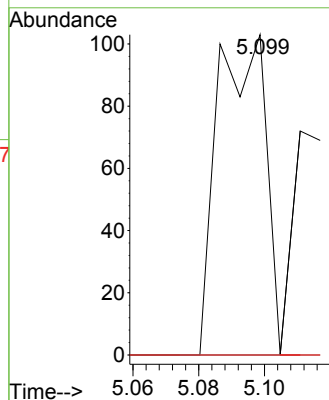
Tgt Ion: 49 Resp: 105

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 57.5 86.3#



#30

Chloroform

Concen: 3.313 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX040902.D

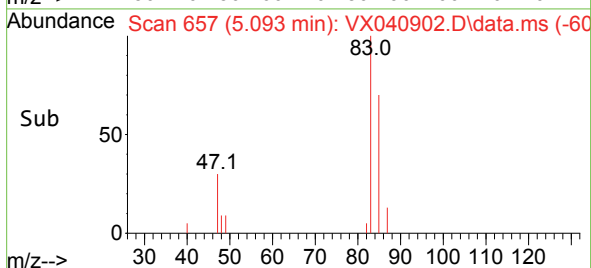
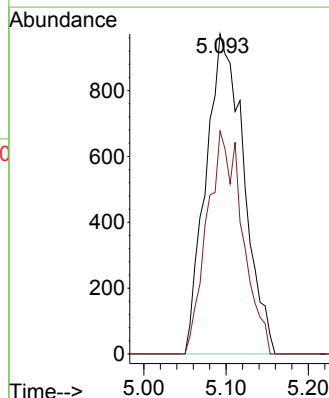
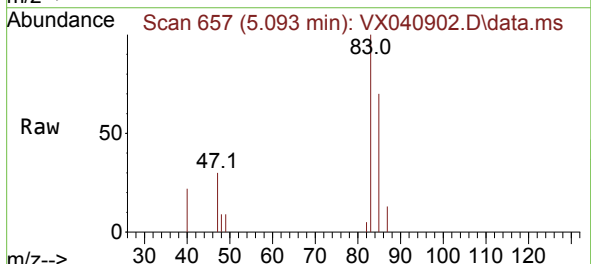
Acq: 05 Apr 2024 14:39

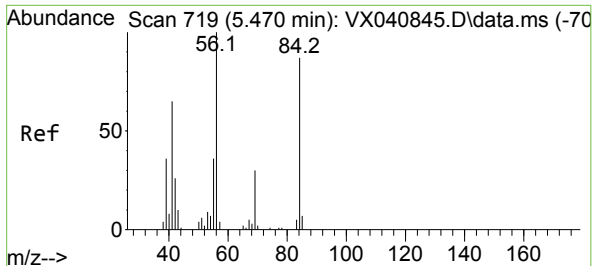
Tgt Ion: 83 Resp: 3104

Ion Ratio Lower Upper

83 100

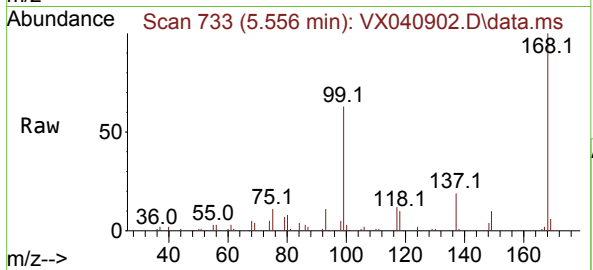
85 69.7 50.3 75.5



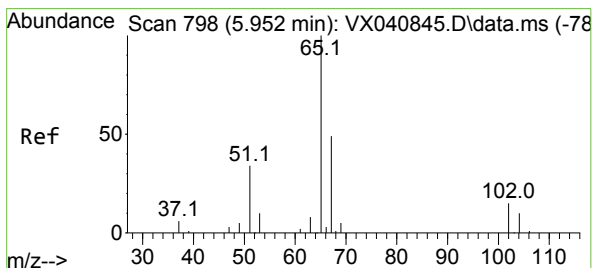
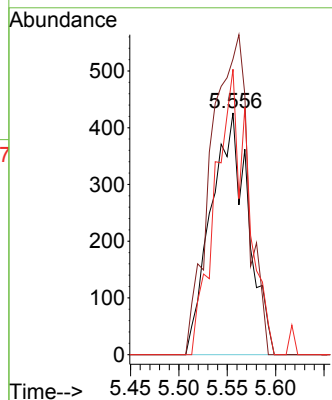
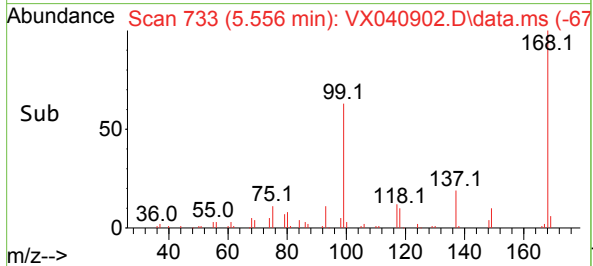


#31
Cyclohexane
Concen: 1.550 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-44-040424

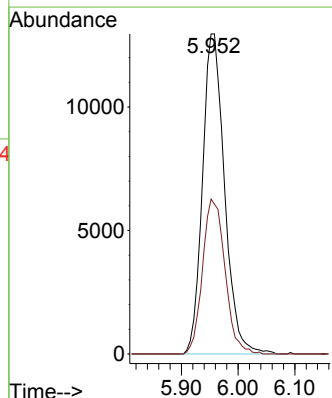
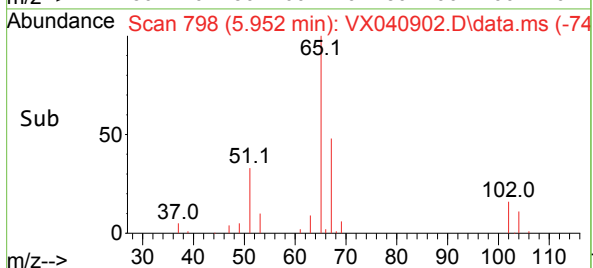
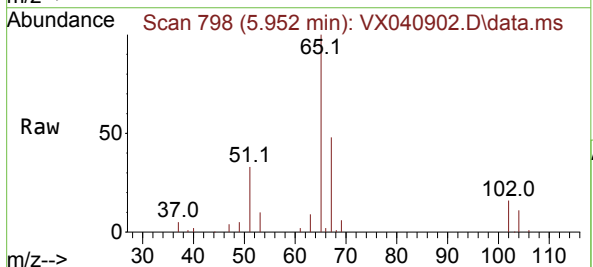


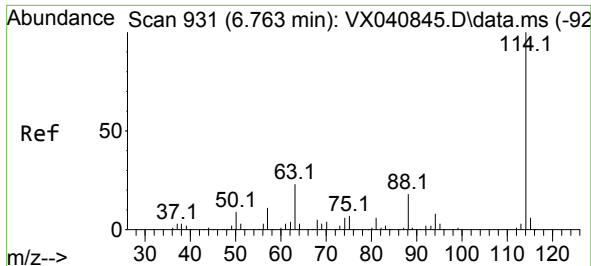
Tgt Ion: 56 Resp: 1140
Ion Ratio Lower Upper
56 100
69 122.3 23.4 35.2#
84 118.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.449 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

Tgt Ion: 65 Resp: 34972
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.2

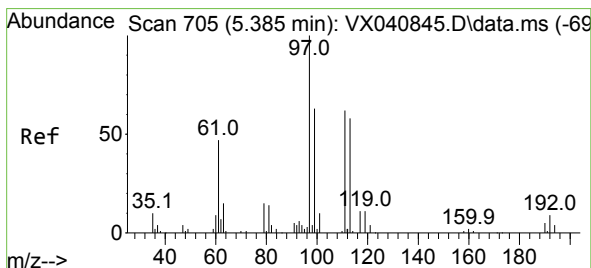
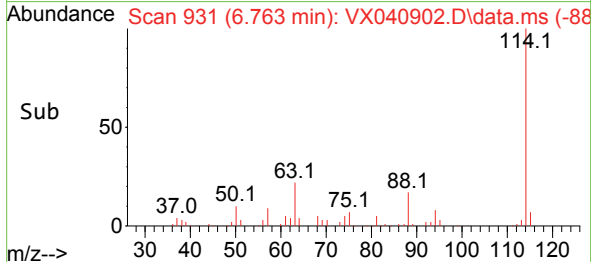
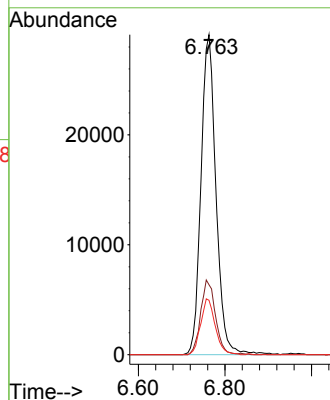
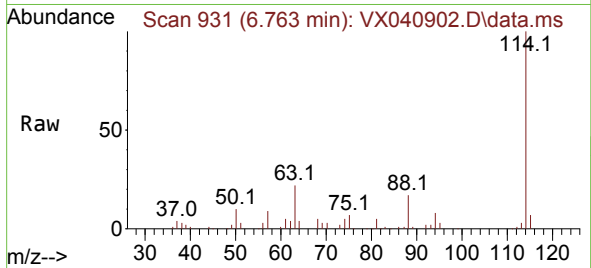




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

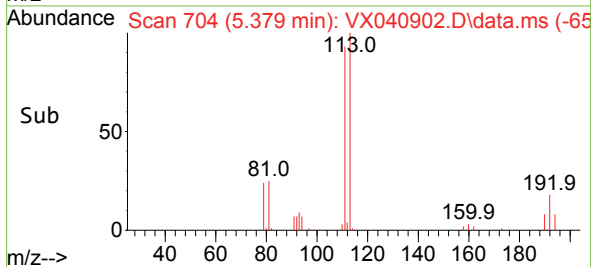
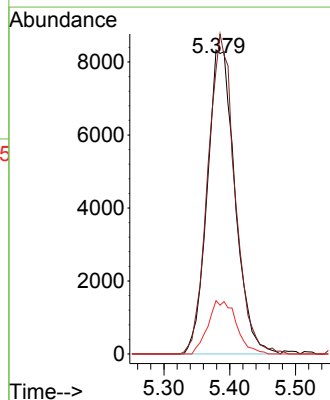
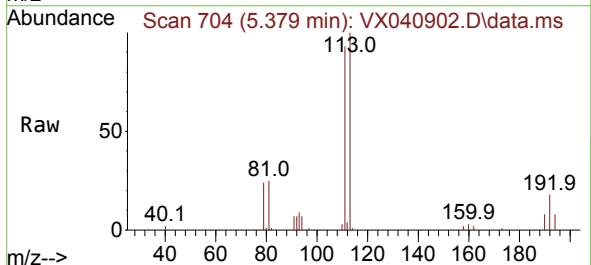
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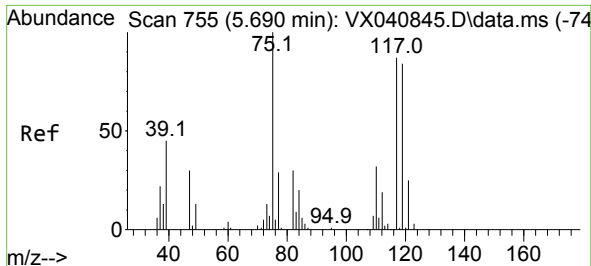
Tgt Ion:114 Resp: 70090
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.373 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

Tgt Ion:113 Resp: 24511
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.9 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.201 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX040902.D

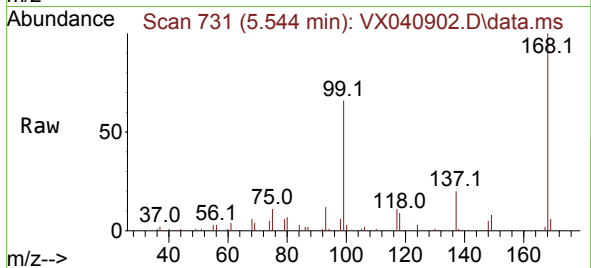
Acq: 05 Apr 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

RMW-06B-44-040424



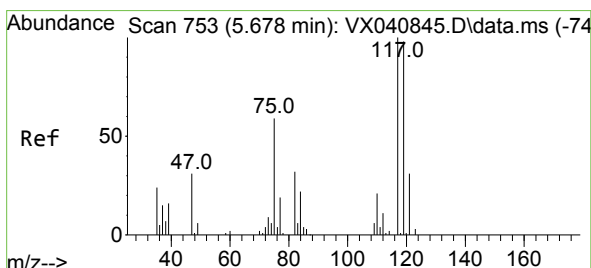
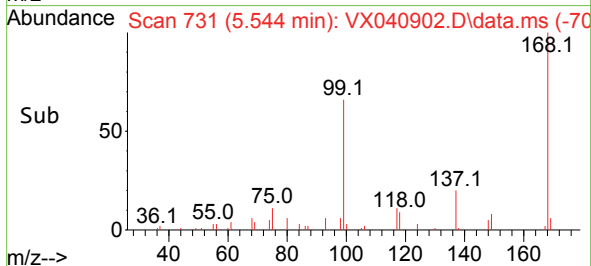
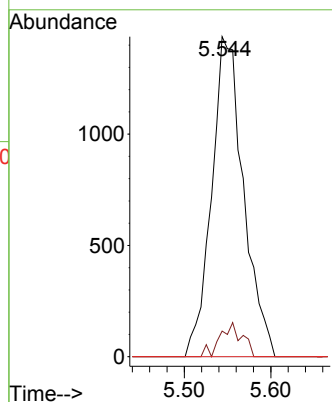
Tgt Ion: 75 Resp: 3669

Ion Ratio Lower Upper

75 100

110 7.4 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.568 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX040902.D

Acq: 05 Apr 2024 14:39

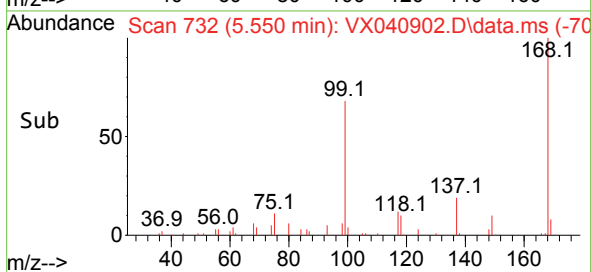
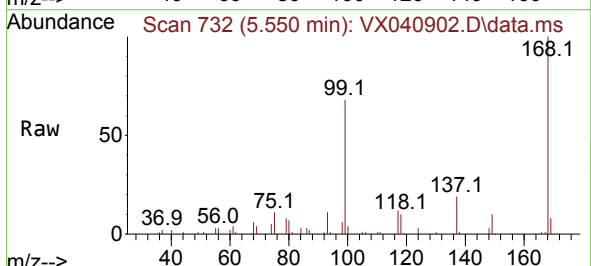
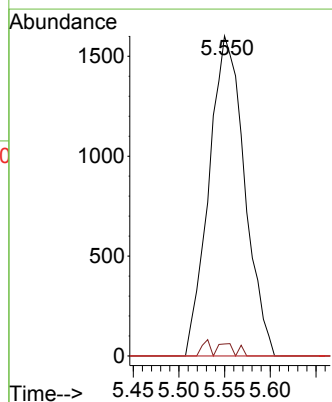
Tgt Ion:117 Resp: 4348

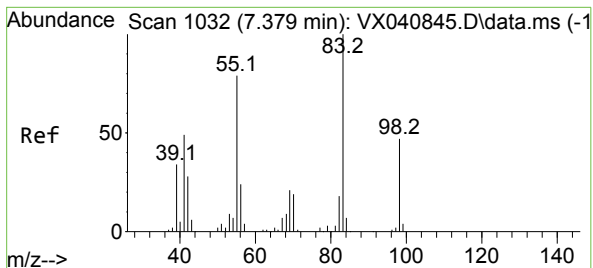
Ion Ratio Lower Upper

117 100

119 3.7 78.2 117.2#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.363 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.256 min

Lab File: VX040902.D

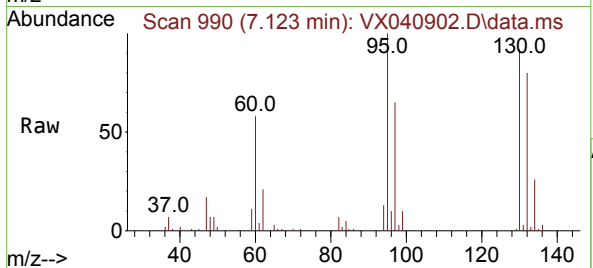
Acq: 05 Apr 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

RMW-06B-44-040424



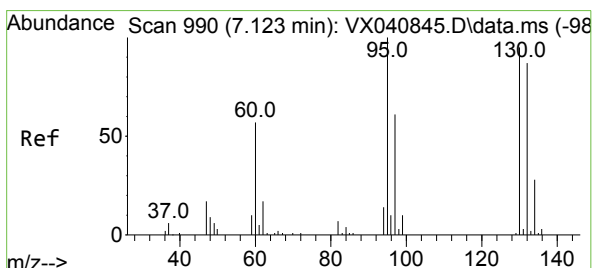
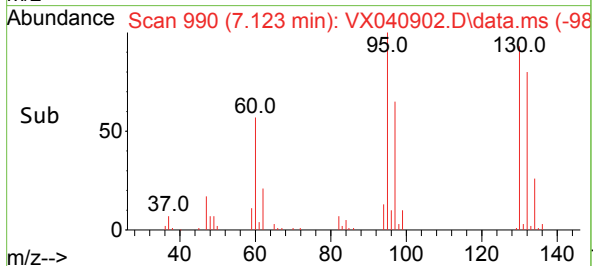
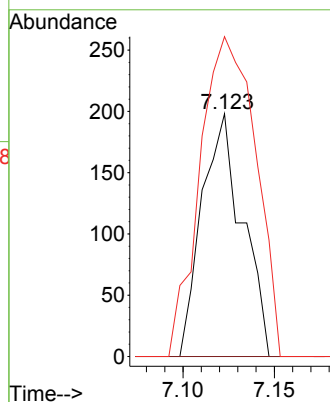
Tgt Ion: 83 Resp: 306

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 131.8 36.7 55.1#



#44

Trichloroethene

Concen: 42.509 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX040902.D

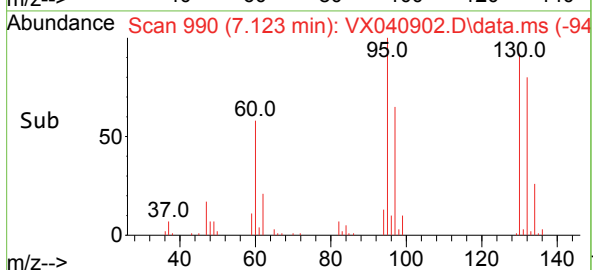
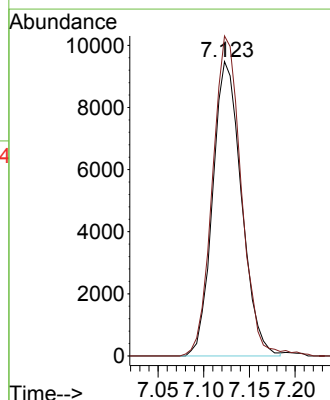
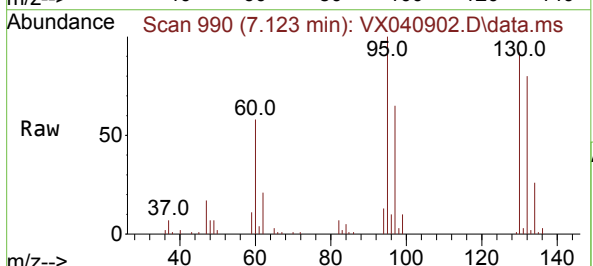
Acq: 05 Apr 2024 14:39

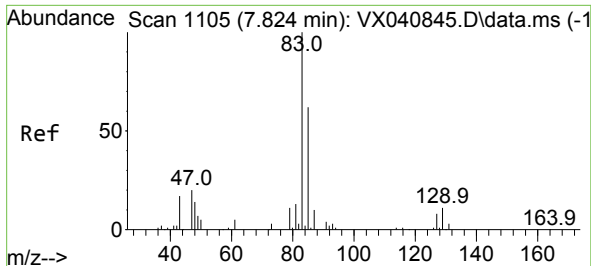
Tgt Ion:130 Resp: 20786

Ion Ratio Lower Upper

130 100

95 108.7 0.0 204.4

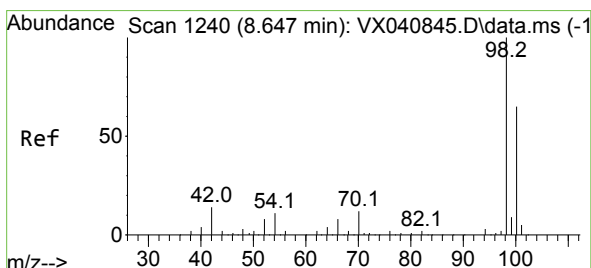
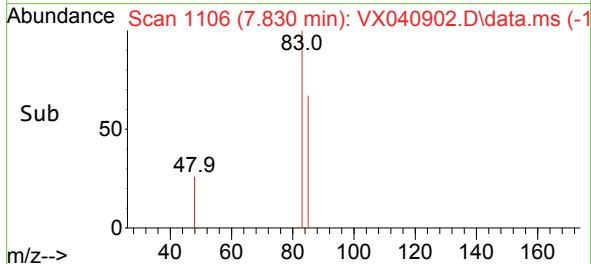
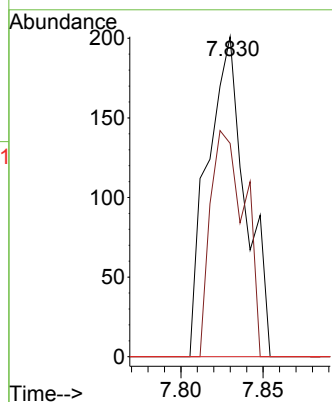
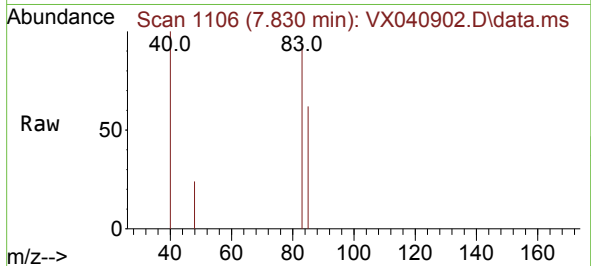




#47
Bromodichloromethane
Concen: 0.405 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

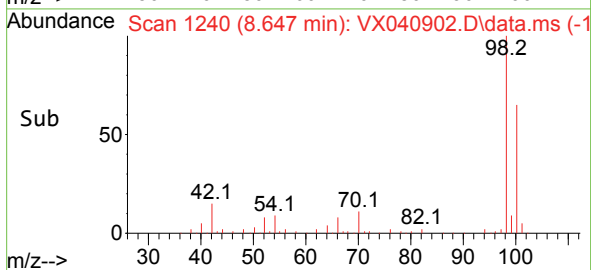
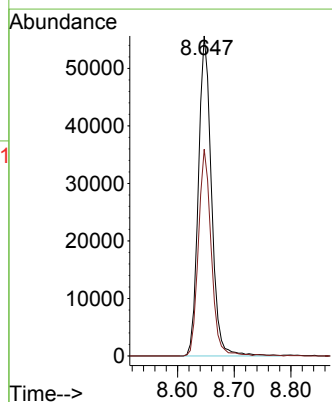
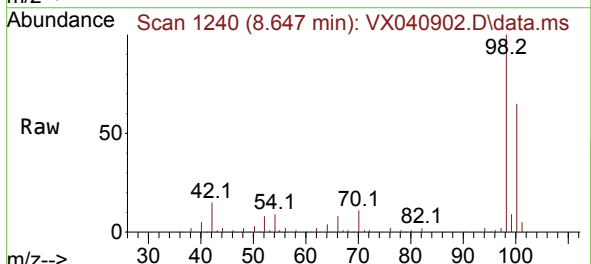
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-44-040424

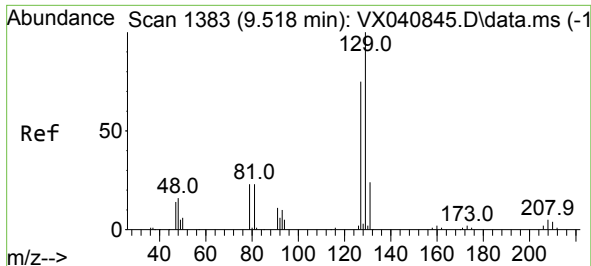
Tgt Ion: 83 Resp: 323
Ion Ratio Lower Upper
83 100
85 66.7 49.8 74.6
127 0.0 7.1 10.7#



#50
Toluene-d8
Concen: 49.629 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

Tgt Ion: 98 Resp: 89030
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

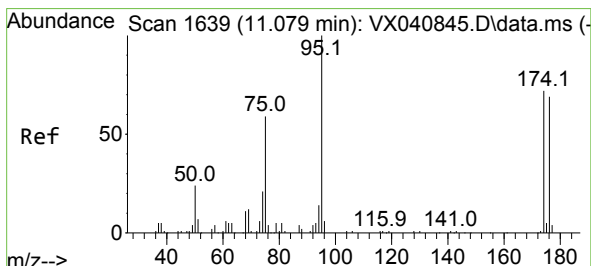
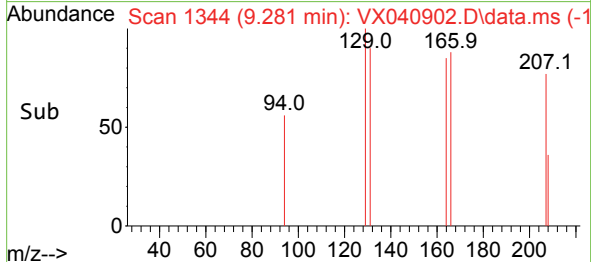
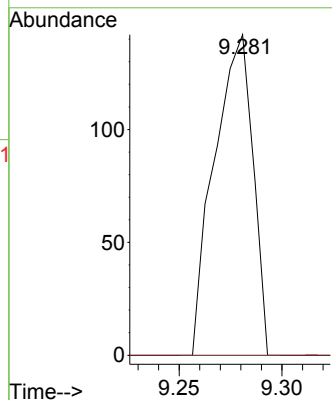
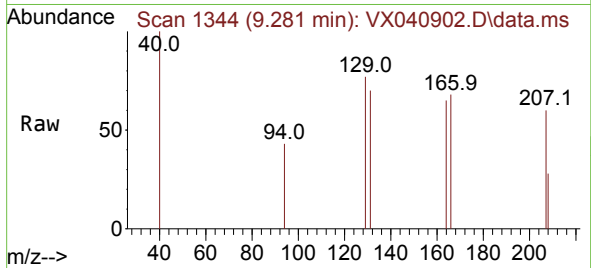




#60
Dibromochloromethane
Concen: 0.321 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

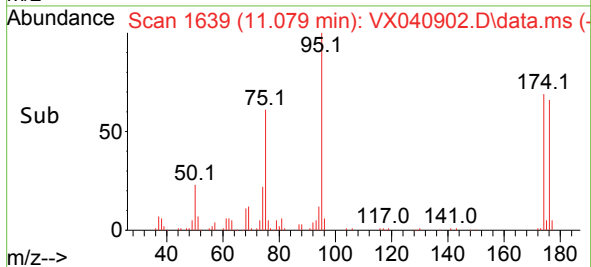
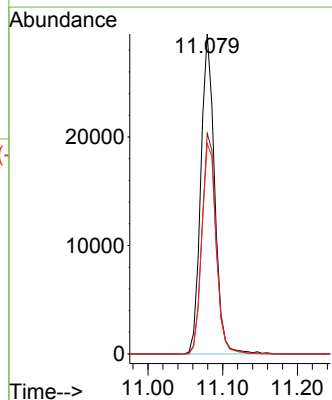
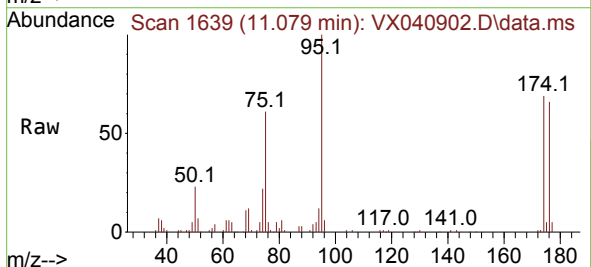
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-44-040424

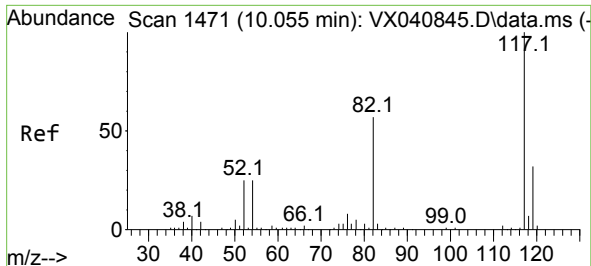
Tgt Ion:129 Resp: 185
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 52.669 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

Tgt Ion: 95 Resp: 37731
Ion Ratio Lower Upper
95 100
174 71.2 0.0 135.6
176 68.4 0.0 131.0

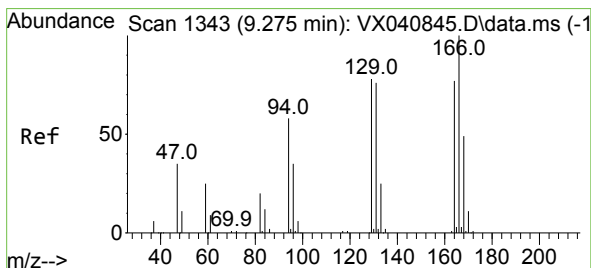
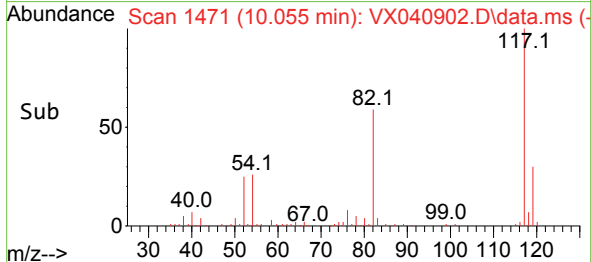
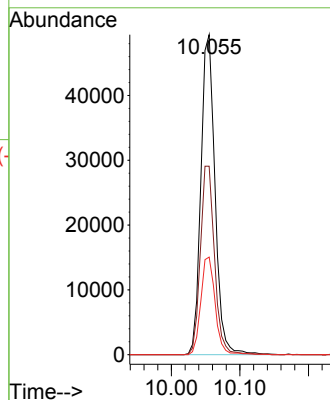
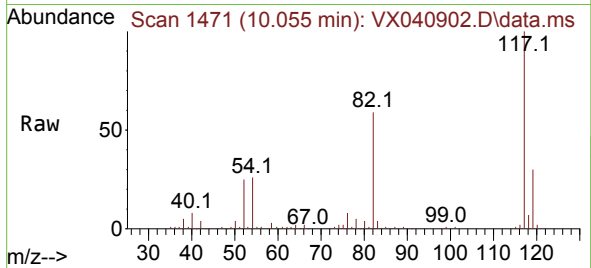




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

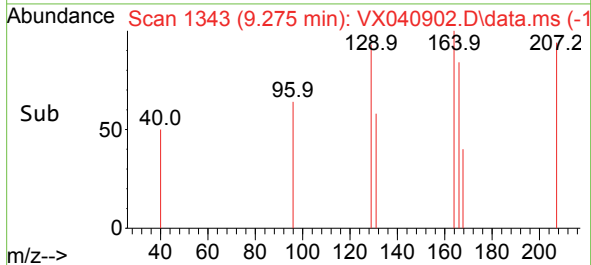
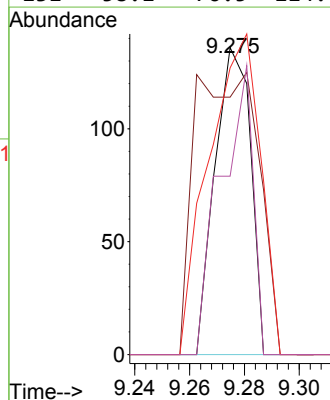
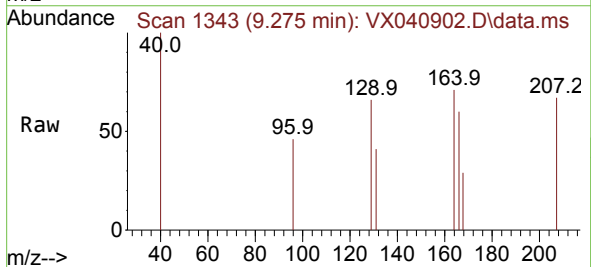
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-44-040424

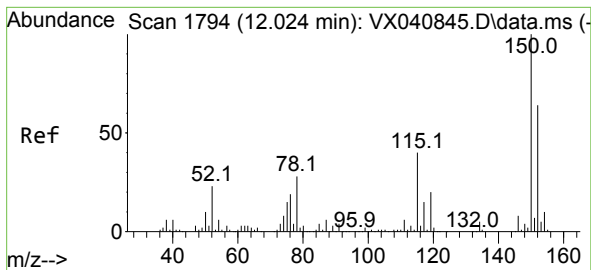
Tgt Ion:117 Resp: 71000
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 30.5 25.5 38.3



#64
Tetrachloroethene
Concen: 0.260 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

Tgt Ion:164 Resp: 122
Ion Ratio Lower Upper
164 100
166 83.8 102.7 154.1#
129 93.4 80.4 120.6
131 58.1 76.5 114.7#

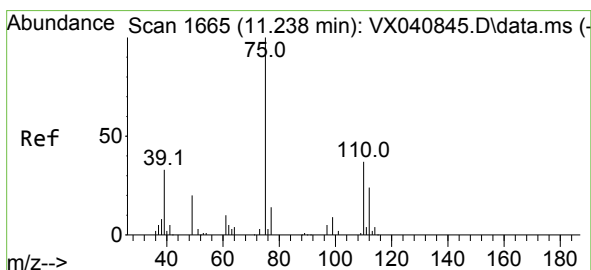
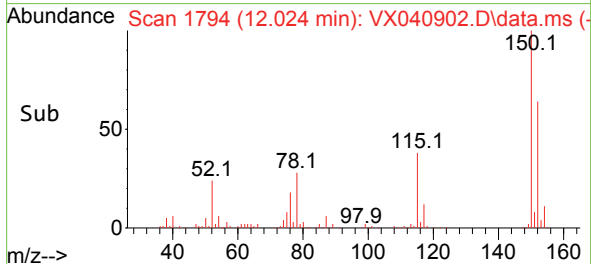
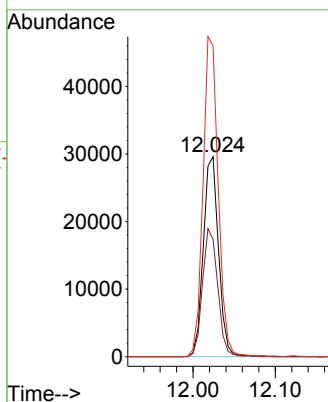
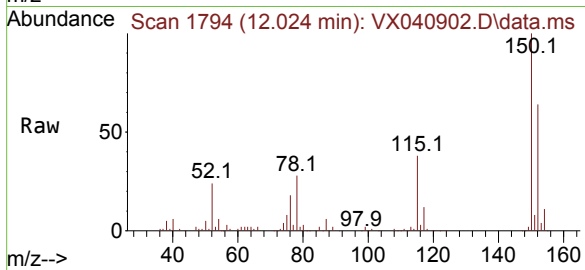




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

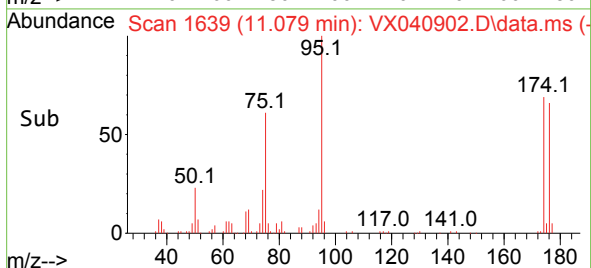
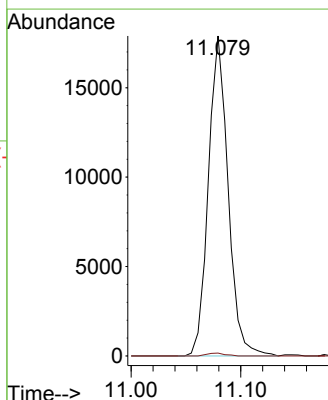
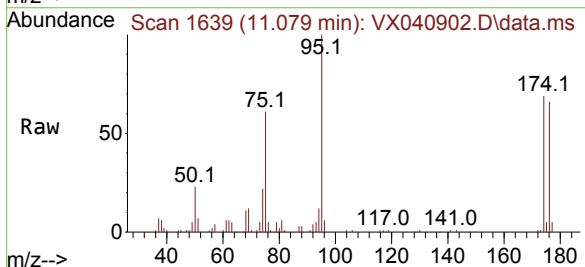
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-44-040424

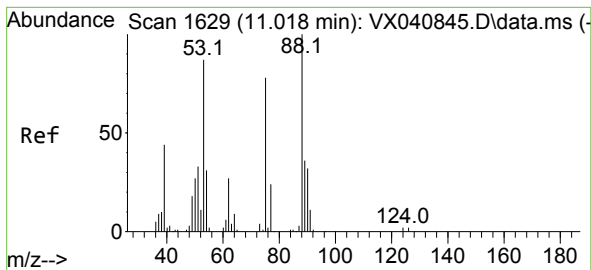
Tgt Ion:	152	Resp:	38034
Ion	Ratio	Lower	Upper
152	100		
115	64.1	43.3	129.9
150	159.7	0.0	345.0



#76
1,2,3-Trichloropropane
Concen: 27.584 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

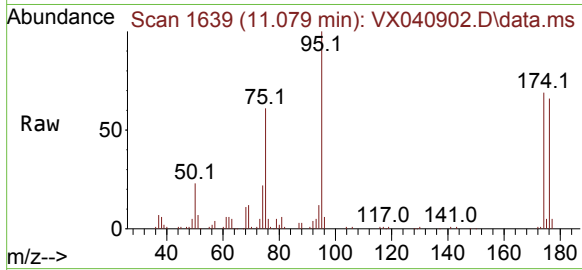
Tgt Ion:	75	Resp:	22372
Ion	Ratio	Lower	Upper
75	100		
77	0.8	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.423 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040902.D
Acq: 05 Apr 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-44-040424



Tgt Ion: 75 Resp: 22372
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

